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PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: March 26, 2003  (use as many sheets as necessary)				<b>Complete if Known</b>	
Application Number		09/891,235			
Filing Date		06/27/2001			
First Named Inventor		Takahiro HOSOMI			
Group Art Unit		2631			
Examiner Name		Unknown			
Attorney Docket Number		053969-0128			

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MAR 26 2003  
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,321,721		YAMAURA et al.	06/14/1994	
	A2	5,504,776		YAMAURA et al.	04/02/1996	
	A3	5,546,424		MIYAKA	08/13/1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Don	A4	JP	6-14006			01/21/1994		X
Don	A5	JP	6-46033			02/18/1994		X
Don	A6	JP	6-140976			05/20/1994		X
Don	A7	JP	6-216875			08/05/1994		X
Don	A8	JP	6-252881			09/09/1994		X
Don	A9	JP	6-276176			09/30/1994		X
Don	A10	JP	7-74725			03/17/1995		X
Don	A11	JP	8-70479			03/12/1996		X
Don	A12	JP	9-247079			09/19/1997		X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	10/09/2004
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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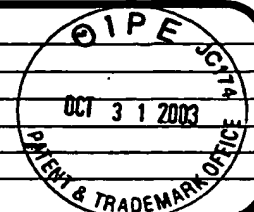
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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: October 31, 2003 (use as many sheets as necessary)				<b>Complete if Known</b> Application Number: 09/891,235 Filing Date: 06/27/2001 First Named Inventor: Takahiro HOSOMI Group Art Unit: 2631 Examiner Name: Unknown Attorney Docket Number: 053969-0128	
Sheet	1	of	1		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>[initials]</i>	A1	5,754,583		EBERHARDT et al.	05/19/1998	
<i>[initials]</i>	A2	5,758,271		RICH	05/26/1998	
<i>[initials]</i>	A3	5,930,288		EBERHARDT	07/27/1999	
<i>[initials]</i>	A4	6,070,062		YOSHIDA et al.	05/30/2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<i>[initials]</i>	A5	CN	1140938			01/22/1997		X
<i>[initials]</i>	A6	CN	1185702			06/24/1998		X
<i>[initials]</i>	A7	CN	1197339			10/28/1998		X

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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Examiner Signature	<i>Dmg Do Nguyen</i>	Date Considered	10/09/2004
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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> Date Submitted: May 22, 2002 (use as many sheets as necessary)				<b>Complete if Known</b>	
Application Number				09/891,235	
Filing Date				06/27/2001	
First Named Inventor				Takahiro HOSOMI	
Group Art Unit				2631	
Examiner Name				Unassigned	
Attorney Docket Number				053969-0128	

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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Signature	Dmg D. Nguyen	Date Considered	10/09/2004
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6/27/2001

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 053969-0128	SERIAL NO. Unassigned
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		APPLICANT Takahiro HOSOMI	
		FILING DATE June 27, 2001	GROUP ART UNIT Unassigned

U.S. PTO  
09/891235

06/27/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
DPN	A1	5,504,776	04/02/1996	Yamaura et al.	375	208	
DPN	A2	5,321,721	06/14/1994	Yamaura et al.	375	1	

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
DPN	A3	6-216875	08/05/1994	Japan	H04J	12/00		abstract
DPN	A4	6-046033	02/18/1994	Japan	H04J	13/00		abstract
DPN	A5	6-252881	09/09/1994	Japan	H04J	13/00		abstract
DPN	A6	6-014006	01/21/1994	Japan	H04J	13/00		abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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